

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/589622	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 10:45
S2	232	369/112.1.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 11:51
S3	171	369/112.1.ccls. NOT @ad> = "20040220"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 12:02
S4	4	369/112.1.ccls. and flar\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 13:28
S5	2	("20070081431" "20070188835").PN. OR ("7348529").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 13:36
S6	32	369/112.1.ccls. and stray	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 13:37
S8	60	369/112.\$ccls. and cancel \$7 near5 (flar\$4 stray noise)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 14:27
S10	7	369/112.\$ccls. and extract \$4 near5 (flar\$4 stray noise)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 16:51
S11	145	369/44.41.ccls. and (extract \$4 cancel\$7 remov\$4) near5 (flar\$4 stray noise light)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 17:03
S13	15	("4712206" "4750162" "5202875" "5408452").PN. OR ("5764606").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 17:17
S14	876	"369"/\$.ccls. and DCI near8 (flar\$4 stray noise light)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 18:12
S15	449	"369"/\$.ccls. and dc near3 (flar\$4 stray noise light)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 19:01
S17	65	"369"/\$.ccls. and DCI with (extract\$4 cancel\$7 remov \$4) with (flar\$4 stray noise cross\$1talk\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 19:03

S16	140	"369"/\$.ccls. and DCI with (extract\$4 cancel\$7 remov\$4) with (flar\$4 stray noise light cross\$1talk\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 19:03
S18	273	"369"/\$.ccls. and subtract\$4 near3 (DCI flar\$4 stray noise cross\$1talk\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 19:29
S19	97	"369"/\$.ccls. and (diffract\$4 grating hologra\$4) and subtract\$4 near3 (DCI flar\$4 stray noise cross\$1talk\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/25 19:32
S24	25	"369".clas. and (switch\$4 invert\$4 chang\$4) near3 polarity same wavelength same (((photo light) near1 (sens\$3 detect\$3)) OR (photo\$1detect\$3 photo\$1sens\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 12:43
S27	2066	"369".clas. and (flar\$4 OR ((stray un\$2ecessary noise) near2 (light flux beam irradiat\$4)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 13:04
S28	91	369/44.41.ccls. and (flar\$4 OR ((stray un\$2ecessary noise) near2 (light flux beam irradiat\$4)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 13:05
S31	3	2000-3523	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 13:30
S30	0	2000-003523	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 13:30
S32	7624	"359".clas. and (flar\$4 OR ((stray un\$2ecessary noise) near2 (light flux beam irradiat\$4)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 15:01
S33	460	"359".clas. and (cancel\$7 delet\$4 extract\$4 subtract\$4 remov\$4) near5 (flar\$4 stray ambien\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 15:07
S34	24	"359".clas. and (cancel\$7 delet\$4 extract\$4 subtract\$4 remov\$4) near5 (flar\$4 stray ambien\$3) same (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo\$1sens\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 15:17

S35	102	("359" "369").clas. and (wave\$1length\$1) same (dual multi multiple) near3 (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo \$1sens\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 15:38
S36	56	("359" "369").clas. and (dual multi multiple) near1 (purpos\$3 function\$3) near3 (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo \$1sens\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 15:56
S37	102	("359" "369").clas. and (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo \$1sens\$4)) near5 (switch\$4 chang\$4) near5 (wavelength)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 16:09
S38	477	("359" "369").clas. and ((stray\$3 flar\$3) OR ((nois \$1 interfer\$4 ambient cross \$1talk\$3 scatter\$3) near2 (light\$3))) same wavelength same (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo \$1sens\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 17:33
S39	10	("359" "369").clas. and ((stray\$3 flar\$3) OR ((nois \$1 interfer\$4 ambient cross \$1talk\$3 scatter\$3) near2 (light\$3))) same (determin \$4 distinguish\$4) near5 wavelength same (((photo \$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect \$4 photo\$1sens\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 17:34
S41	24	("359" "369").clas. and ((stray\$3 flar\$3) OR ((nois \$1 interfer\$4 ambient cross \$1talk\$3 scatter\$3) near2 (light\$3))) same HOE same wavelength	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 17:44
S40	107	("359" "369").clas. and ((stray\$3 flar\$3) OR ((nois \$1 interfer\$4 ambient cross \$1talk\$3 scatter\$3) near2 (light\$3))) same HOE	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 17:44

S43	4	("359" "369").clas. and (determin\$6) near3 wavelength with (difference operation arithmetic\$4 subtract\$4) with (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo\$1sens\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 19:19
S42	281	("359" "369").clas. and (determin\$6) near3 wavelength with (difference operation arithmetic\$4 subtract\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 19:19
S44	50	("359" "369").clas. and wavelength near10 (separate individual other) near2 (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo\$1sens\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 19:24
S46	2328	("359" "369").clas. and (((hologra\$4 diffract\$3) near1 (structure element \$5split\$4 divid\$3)) OR HOE OR grating) same ((stray\$3 flar\$3) OR ((nois\$1 interfer\$4 ambient cross\$1talk\$3 scatter\$3) near2 (light\$3)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 19:50
S45	6769	("359" "369").clas. and (((hologra\$4 diffract\$3) near1 (structure element \$5split\$4 divid\$3)) OR HOE OR grating) and ((stray\$3 flar\$3) OR ((nois\$1 interfer\$4 ambient cross\$1talk\$3 scatter\$3) near2 (light\$3)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 19:50
S47	2081	("359" "369").clas. and (((hologra\$4) near1 (structure element \$5split\$4 divid\$3)) OR HOE OR grating) same ((stray\$3 flar\$3) OR ((nois\$1 interfer\$4 ambient cross\$1talk\$3 scatter\$3) near2 (light\$3)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 19:51

S49	26	("359" "369").clas. and (((hologra\$4) near1 (structure element \$5split\$4 divid\$3)) OR HOE OR grating) same ((stray\$3 flar\$3) OR ((nois\$1 interfer\$4 ambient cross\$1talk\$3 scatter\$3) near2 (light\$3))) same (other second 2nd near1 wavelength	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 19:52
S48	228	("359" "369").clas. and (((hologra\$4) near1 (structure element \$5split\$4 divid\$3)) OR HOE OR grating) same ((stray\$3 flar\$3) OR ((nois\$1 interfer\$4 ambient cross\$1talk\$3 scatter\$3) near2 (light\$3))) same (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo\$1sens\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 19:52
S50	35	("359" "369").clas. and (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo\$1sens\$4)) near10 (un\$1focus\$4 non\$1focus\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 20:01
S51	103	("359" "369").clas. and (((hologra\$4 diffract\$3) near1 (structure element \$5split\$4 divid\$3)) OR HOE OR grating) and ((DCI DC\$1offset) near10 (TESI (tracking near1 error)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 20:18
S54	103	S53 and ((DCI DC\$1offset) near10 (TESI (tracking near1 error)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 20:22
S53	103	(US-20080304375-\$ or US-20080298210-\$ or US-20080232208-\$ or US-20080219119-\$ or US-20080198730-\$ or US-20080165655-\$ or US-20080094976-\$ or US-20080094974-\$ or US-20080094951-\$ or US-20080094949-\$ or US-20080094948-\$ or US-20080062839-\$ or US-20070206479-\$ or US-20070206462-\$ or US-	US-PGPUB; USPAT; JPO	OR	ON	2009/02/26 20:22

20070206451-\$ or US-
20070133366-\$ or US-
20070109930-\$ or US-
20070047405-\$ or US-
20060221797-\$ or US-
20060215508-\$ or US-
20060104173-\$ or US-
20060092778-\$ or US-
20060083120-\$ or US-
20060039253-\$ or US-
20060007811-\$ or US-
20050270921-\$).did. or (US-
20050226106-\$ or US-
20050195705-\$ or US-
20050185539-\$ or US-
20050162987-\$ or US-
20050088950-\$ or US-
20050078575-\$ or US-
20050002285-\$ or US-
20040213102-\$ or US-
20040156299-\$ or US-
20040081032-\$ or US-
20030223325-\$ or US-
20030202430-\$ or US-
20030035352-\$ or US-
20020176342-\$ or US-
20020101801-\$ or US-
20020060958-\$ or US-
20020006092-\$).did. or (US-
RE40371-\$ or US-7376055-\$
or US-7315502-\$ or US-
7298676-\$ or US-7260033-\$
or US-7242648-\$ or US-
7224645-\$ or US-7221632-\$
or US-7215609-\$ or US-
7200088-\$ or US-7145849-\$
or US-7142484-\$ or US-
6744712-\$ or US-6728192-\$
or US-6654323-\$ or US-
6608808-\$ or US-6442112-\$
or US-6201777-\$ or US-
6075759-\$ or US-6069853-\$
or US-6041031-\$ or US-
6041028-\$ or US-6009054-\$
or US-5963515-\$ or US-
5923632-\$ or US-5917791-\$
).did. or (US-5903529-\$ or
US-5892741-\$ or US-
5777960-\$ or US-5754505-\$
or US-5712844-\$ or US-
5671199-\$ or US-5615201-\$
or US-5537386-\$ or US-
5530689-\$ or US-5448541-\$
or US-5434834-\$ or US-
5420847-\$ or US-5383169-\$

		or US-5303216-\$ or US-5235583-\$ or US-5173598-\$ or US-5168487-\$ or US-5159589-\$ or US-5140577-\$ or US-5119355-\$ or US-5111449-\$ or US-5090004-\$ or US-4945525-\$ or US-4918679-\$ or US-4775968-\$ or US-RE32709-\$ or US-RE32051-\$).did. or (US-4488275-\$ or US-4439848-\$ or US-4371899-\$ or US-4370679-\$ or US-4358796-\$ or US-4332022-\$).did. or (JP-62052733-\$).did.				
S55	27	(Ohyama-Minoru).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/26 21:01
L10	6	("5594713" "5682265" "5739352" "5739952" "6094308" "6118586").PN. OR ("6891147").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 15:06
L13	187	("359" "369").clas. and shar \$4 near5 (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo \$1sens\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 15:25
L15	9	("359" "369").clas. and shar \$4 near5 (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo \$1sens\$4)) same (((stray\$3 flar\$3) OR ((nois\$1 interfer \$4 ambient cross\$1talk\$3 scatter\$3) near2 (light\$3))) OR (DC! near1 offset) OR beam\$1walk\$3 OR (shift\$3 near2 (object\$3 near1 lens)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 15:26
L16	37	("359" "369").clas. and shar \$4 near5 (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo \$1sens\$4)) same wavelength	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 15:28

L18	2	("359" "369").clas. and (switch\$4 chang\$5) near3 (function job task) near5 (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo\$1detect\$4 photo \$1sens\$4)) same wavelength	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 15:51
L19	4	("5222055" "5295125" "5982733" "6339562").PN. OR ("6809996").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 15:58
L20	96	(sub\$1beam side\$1beam ((sub side) near1 beam)) near5 ((stray\$3 flar\$3) OR ((nois\$1 interfer\$4 ambient cross\$1talk\$3 scatter\$3) near2 (light\$3)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:00
L22	20	("359" "369").clas. and (sub \$1beam side\$1beam ((sub side) near1 beam)) near5 ((stray\$3 flar\$3) OR ((nois \$1 interfer\$4 ambient cross \$1talk\$3 scatter\$3) near2 (light\$3))) NOT @ad> = "20040220"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:02
L21	61	(sub\$1beam side\$1beam ((sub side) near1 beam)) near5 ((stray\$3 flar\$3) OR ((nois\$1 interfer\$4 ambient cross\$1talk\$3 scatter\$3) near2 (light\$3))) NOT @ad> = "20040220"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:02
L24	23	("359" "369").clas. and (sub \$1beam side\$1beam ((sub side) near1 beam)) same ((second 2nd) near1 wavelength) NOT @ad> = "20040220"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:23
L23	1276	("359" "369").clas. and (sub \$1beam side\$1beam ((sub side) near1 beam)) same (second 2nd wavelength) NOT @ad> = "20040220"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:23
L25	4	("359" "369").clas. and (sub \$1beam side\$1beam ((sub side) near1 beam)) same ((second 2nd) near1 wavelength) same ((second 2nd) near1 (diffract\$4 grating)) NOT @ad> = "20040220"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:24

L26	849	("359" "369").clas. and ((second 2nd) near1 (wavelength beam light source diode)) same ((second 2nd) near1 (diffract \$4 grating))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:29
L27	486	("369").clas. and ((second 2nd) near1 (wavelength beam light source diode)) same ((second 2nd) near1 (diffract\$4 grating))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:30
L28	86	("369").clas. and (diffract\$4 grating) near5 integra\$4 near5 (source diode package)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:32
L29	24	("369").clas. and (diffract\$4 grating) near5 integra\$4 near5 (source diode package) and (second 2nd two) near1 wavelength	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:34
L30	2501	("369").clas. and (sub \$1beam side\$1beam ((sub side) near1 beam)) OR ((three "3") near1 beam) and package same integra \$4 and (second 2nd two) near1 (wavelength light diode source)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:51
L32	102	("369").clas. and ((sub \$1beam side\$1beam ((sub side) near1 beam)) OR ((three "3") near1 beam)) and package same integra \$4 and (second 2nd two) near1 (wavelength light diode source) NOT @ad> = "20050125"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:52
L31	133	("369").clas. and ((sub \$1beam side\$1beam ((sub side) near1 beam)) OR ((three "3") near1 beam)) and package same integra \$4 and (second 2nd two) near1 (wavelength light diode source)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 18:52

L33	27	("369").clas. and ((sub \$1beam side\$1beam ((sub side) near1 beam)) OR ((three "3" near1 beam)) and (second 2nd two) near1 package NOT @ad> = "20050125"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/27 19:12
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